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PATENT APPLICATION

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Susumu NODA et al.

Application No.: 10/584,942 /

Filed: July 5, 2006

Docket No.: 126785

For:

PHOTONIC CRYSTAL HAVING HETERO STRUCTURE AND OPTICAL DEVICE

USING THE PHOTONIC CRYSTAL

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 21, 23 and 30.
- One or more reference cited herein was cited in the International Search Report.
 A copy of the International Search Report is attached for the Examiner's information.

 See References 1 8, 11 20, 28 and 29.
- 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 5. An English language Abstract of one or more non-English language reference is attached hereto. See References 11, 14, 16 21, 23 25 and 27.

- 6. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See References 11, 14 and 16 27.
- 7. References 1 3, 12 and 13 correspond to reference 11. References 4 and 15 correspond to reference 14. References 5 and 6 correspond to reference 16. References 7 and 8 correspond to reference 17. References 9 and 10 correspond to reference 19.
- 8. References 23, 25 and 27 are the unexamined publication of references 22, 24 and 26, respectively.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Randi B. Isaacs

Registration No. 56,046

JAO:RBI/jtp

Date: August 4, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
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Form PTO-1449 US Dept. of Commerce (REV. 1/06)			ATTY DOCKET NO. 126785			APPLICATION NO. 10/584,942		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)								
			APPLIC Susumu	CANTS NODA et al.				
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	2	2002/0118923 A1	8/29/2002		WANG et al.			
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	12	WO 03/077023 A1	9/18/200		WIPO			
	13	WO 98/57207	12/17/19	98	WIPO			
	14	JP A 2002-510400	4/2/2002		Japan	х	х	
	15	WO 98/53350	11/26/19	98	WIPO			
	16	JP A 2002-268105	9/18/200	2	Japan	х	х	
	17	JP A 6-88915	3/29/199	4	Japan	х	х	
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	20	JP A 2004-212416	7/29/200	14	Japan	х	х		
	21	JP A 2001-272555	10/5/200	1	Japan	х	х		
	22	JP B2 3459827	8/8/2003		Japan		х		
	23	JP A 2003-279764	10/2/200	3	Japan	х	х		
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	26	JP B2 3417373	4/11/200	3	Japan		х		
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	28	Takashi Asano et al., "Optical Add/Drop Filter Using 2D Photonic Crystal Slab -Interference between single defects-," 29p-L-7,							
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	30	Y. Tanaka et al., "Effects of TM-like Slab Mode on Line-Defect Waveguide in 2D Photonic Crystal Slab," 28a-YN-9, p. 1129							
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	22	JP B2 3459827	8/8/2003	·	Japan		_	Х
	23	JP A 2003-279764	10/2/200)3	Japan		х	х
	24	JP B2 3334381	8/2/2002		Japan		х	х
	25	JP A 8-160259	6/21/199)6	Japan		х	х
	26	JP B2 3417373	4/11/200)3	Japan			х
	27	JP A 2001-215350	8/10/200)1	Japan		х	х
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	29	B.S.Song et al., "Optical Add/Drop Filter Using an In-plane Hetero Photonic Crystal," 25p-YA-17, p. 916, 2002.						
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